

# Converting Colors

Hex(7535B3)

Have a look what the booklet for  
Hex(7535B3) contains.

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# Color

Hex(7535B3)

# Conversions

## Conversions Part 1

Format	Color
Hex	7535B3
RGB	117, 53, 179
RGB Percent	46%, 21%, 70%
CMY	0.5412, 0.7922, 0.2980
CMYK	0.35, 0.70, 0.00, 0.30
HSL	270°, 54%, 45%
HSV	270°, 70%, 70%
XYZ	16.7459, 9.5828, 43.6149
YIQ	86.5000, -2.3020, 52.7540

# Conversions

## Conversions Part 2

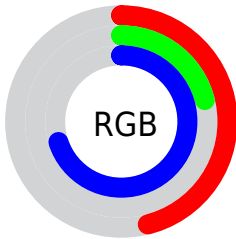
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 53, 179
Decimal	7681459
CIE <sub>Lab</sub>	37.08, 51.50, -55.91
CIE <sub>LCh</sub>	37, 76.011, 312.648
Yxy	9.5828, 0.2394, 0.1370
Android (android.graphics.Color)	4285871539 (0xFF7535B3)
YUV	86.5000, 45.6025, 26.7485
Hunter-Lab	30.9561, 42.3877, -61.8661

# Details

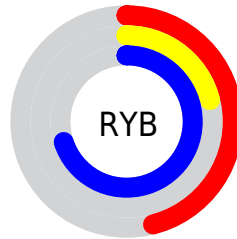
The Hex color **7535B3** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **73B335**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **AD69EC**, and **3D007D** is the 20% darker color. If you saturate the color by 10%, you get **6C23B3**, and if you desaturate by 10%, it is **7E47B3**.

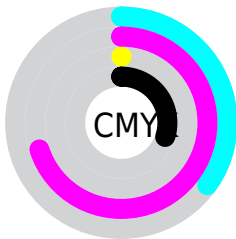
# Distribution



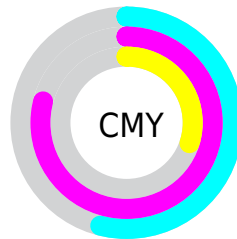
- Red (46%)
- Green (21%)
- Blue (70%)



- Red (46%)
- Yellow (21%)
- Blue (70%)



- Cyan (35%)
- Magenta (70%)
- Yellow (0%)
- Black (30%)



- Cyan (54%)
- Magenta (79%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7535B3 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7535B3 by changing the saturation by 10% instead.



7535B3

7535B3

FFFFFF

591A98

AD69EC

3D007D

CA83FF

1E0063

E89EFF

00004B

FFBAFF

000433

FFD6FF

00021D

FFF3FF

000000

7535B3

7535B3

6C23B3

7E47B3

6311B3

8759B3

5B00B3

8F6BB3

987DB3

A18FB3

AAA0B3

B3B2B3

BBC4B3

C4D6B3

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0058D2



7535B3



AF007D

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7535B3



884700



006F71

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7535B3



73B335

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006D30



7535B3



545D00

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7535B3



AD1A00



006800



006FAA

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7535B3



BC0055



006800



006F5B



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7535B3



D0B7E8



3574B3



675875



F5F5F5



757575



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7535B3



8825E8



B335B3



555059



4E0099



0D001A



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B33573



E82585



35B335



595055



99004B

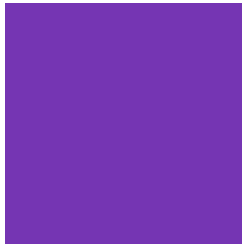


1A000D



# Previews

## White Background



This preview shows how the Hex color 7535B3 looks on a white background.

## Color Contrast Check

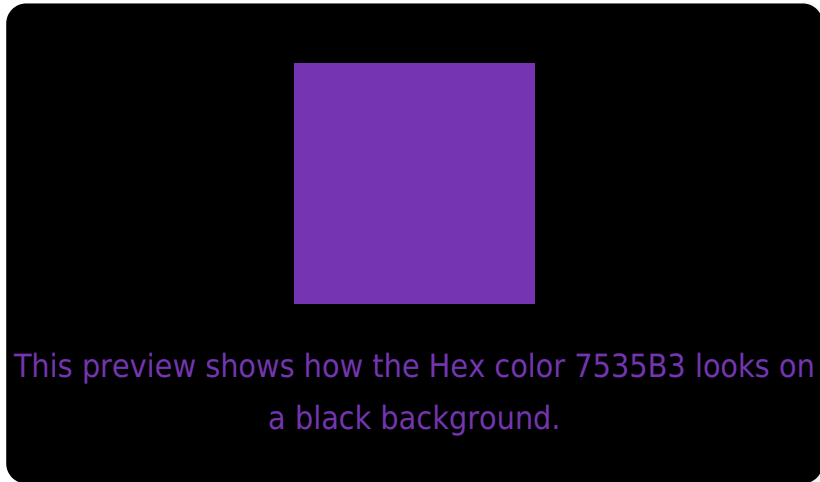
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

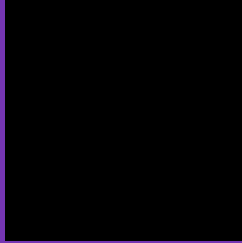
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7535B3 Background



This preview shows how black text looks on a background with the Hex color 7535B3.

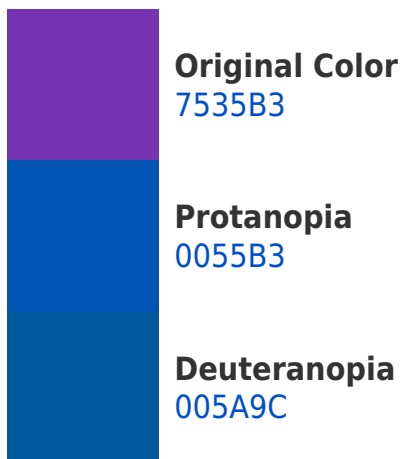



This preview shows how white text looks on a background with the Hex color 7535B3.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
64535A

# Trichromacy



**Original Color**  
7535B3



**Protanomaly**  
2B49B3



**Deuteranomaly**  
2B4DA4



**Tritanomaly**  
6A487A

# Monochromacy



**Original Color**  
7535B3



**Achromatopsia**  
575757



**Achromatomaly**  
624B78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7535B3 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7535B3 looks like.

```
.text, #text, p{  
    color:#7535B3  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7535B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7535B3
}
```

## Border

The CSS property to change the border of an element to Hex 7535B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7535B3 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7535B3 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7535B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7535B3; -webkit-box-shadow:4px 4px  
4px 4px #7535B3; box-shadow:4px 4px 4px  
4px #7535B3 }
```

# Background

The CSS property to change the background color of an element to Hex 7535B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7535B3 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7535B3 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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